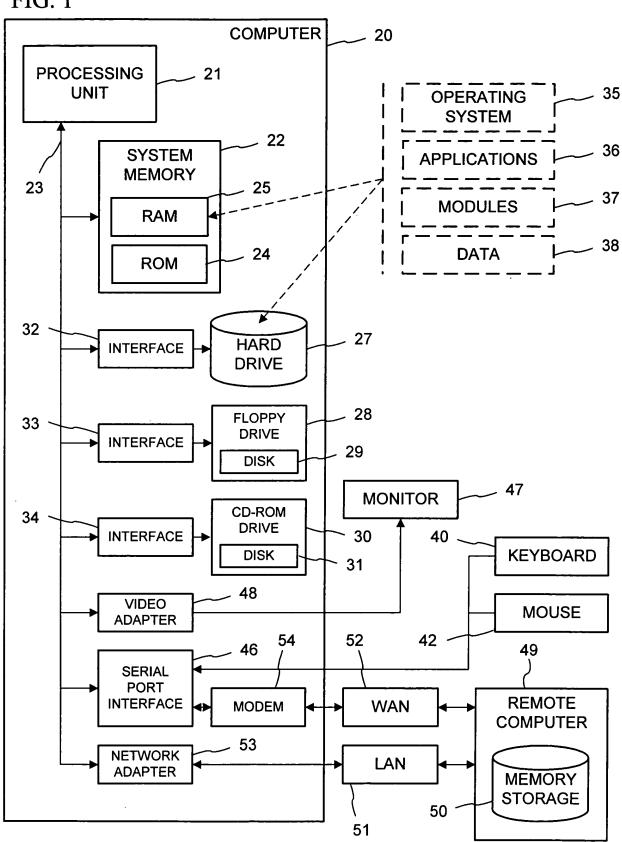
SEP 0 7 2004 SE

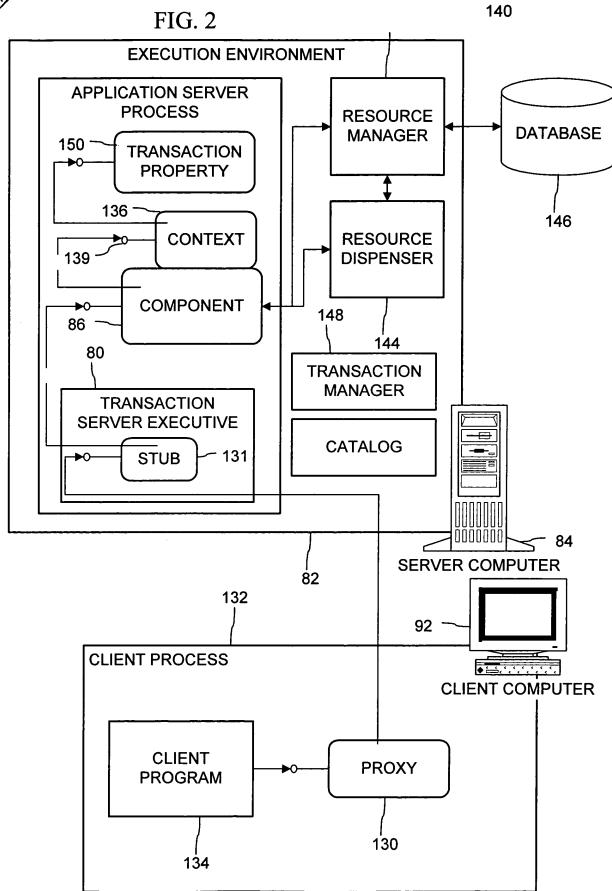
Stephen A. Wight, Klarquist Sparkman, LLP, 121 SW Salmon St., Suite 1600, Portland, Oregon 97204, (503) 226-7391; Inventor: Limprecht et al.; Title: SERVER APPLICATION COMPONENTS WITH CONTROL OVER STATE DURATION; Attorney Docket No.: 3382-47280-01; U.S. Application No. 08/959,149; Filing Date: October 28, 1997; Page 1 of 9

FIG. 1



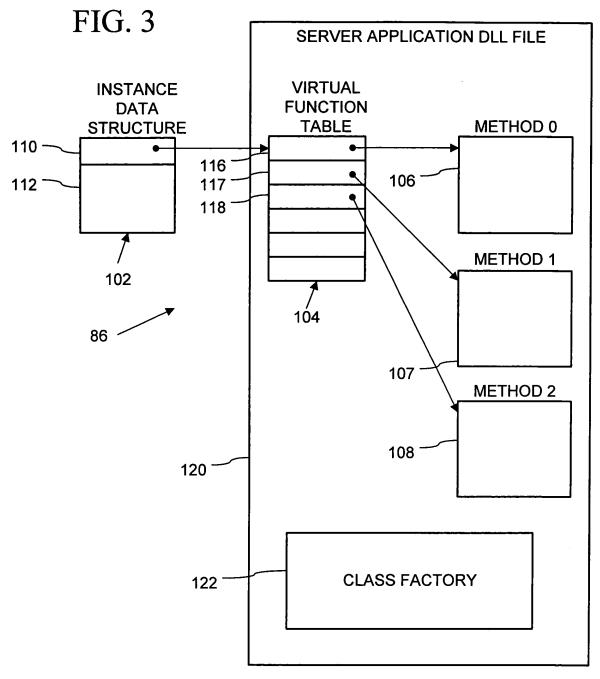


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TRANSACTION SERVER EXECUTIVE

STUB

136

TRANSACTION SERVER EXECUTIVE

134

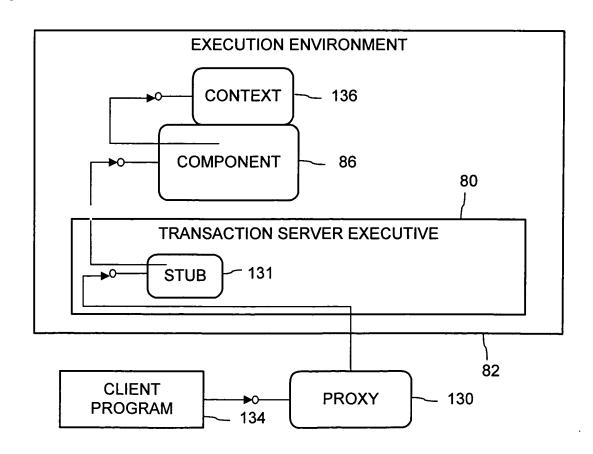
82

130

FIG. 5

CLIENT

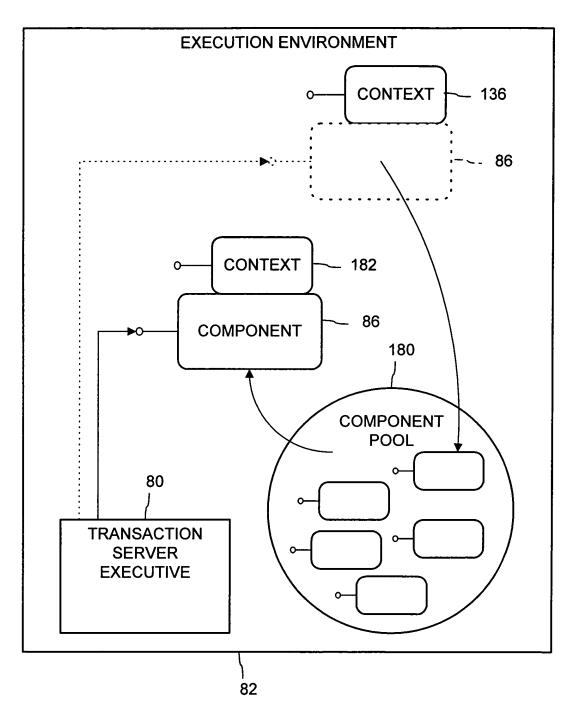
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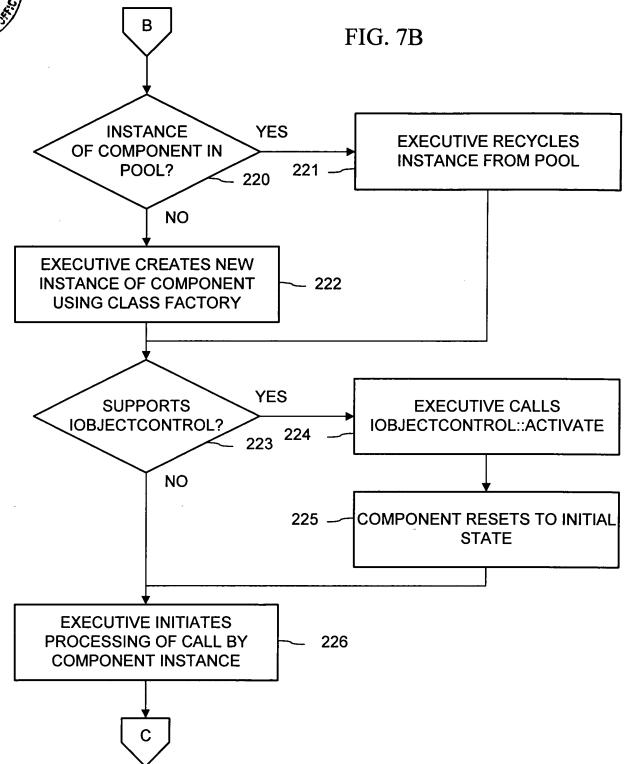
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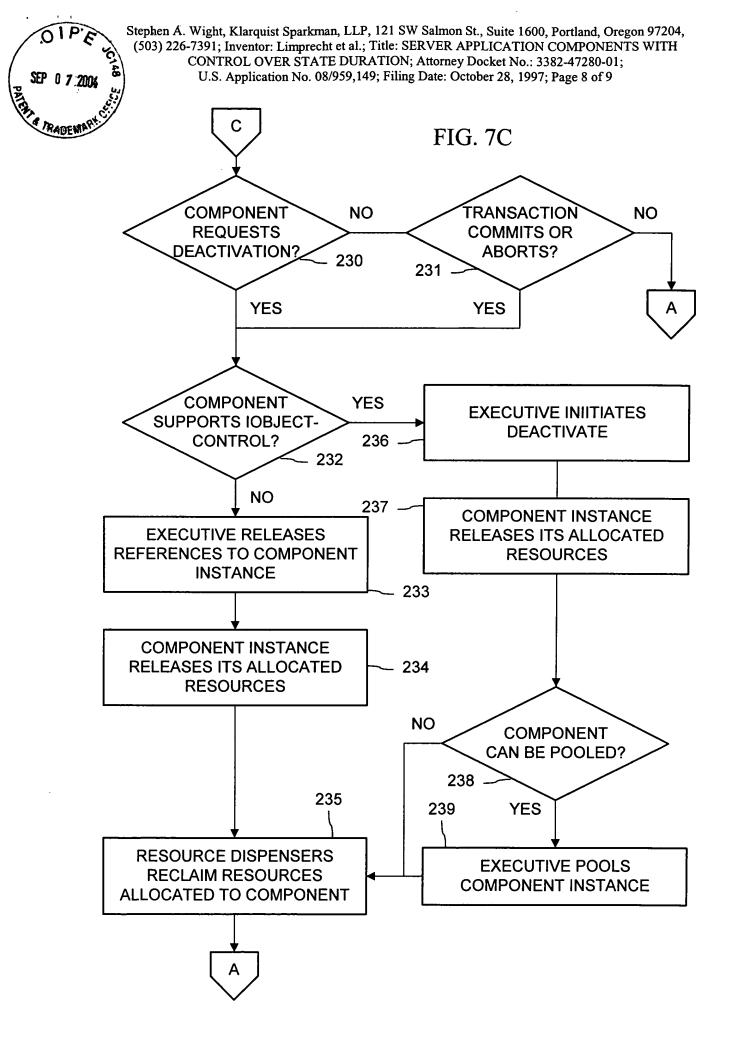
Stephen A. Wight, Klarquist Sparkman, LLP, 121 SW Salmon St., Suite 1600, Portland, Oregon 97204, (503) 226-7391; Inventor: Limprecht et al.; Title: SERVER APPLICATION COMPONENTS WITH CONTROL OVER STATE DURATION; Attorney Docket No.: 3382-47280-01; U.S. Application No. 08/959,149; Filing Date: October 28, 1997; Page 5 of 9

FIG. 6



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Stephen A. Wight, Klarquist Sparkman, LLP, 121 SW Salmon St., Suite 1600, Portland, Oregon 97204, (503) 226-7391; Inventor: Limprecht et al.; Title: SERVER APPLICATION COMPONENTS WITH CONTROL OVER STATE DURATION; Attorney Docket No.: 3382-47280-01; U.S. Application No. 08/959,149; Filing Date: October 28, 1997; Page 9 of 9 D FIG. 7D COMPONENT NO ACTIVATED? 241 YES COMPONENT **EXECUTIVE INITIATES** YES SUPPORTS IOBJECT-DEACTIVATE CONTROL2 246 242 -NO **EXECUTIVE RELEASES** COMPONENT INSTANCE 247-REFERENCES TO COMPONENT RELEASES ITS ALLOCATED **INSTANCE RESOURCES** 243 COMPONENT INSTANCE 244 RELEASES ITS ALLOCATED **RESOURCES** 248 COMPONENT ÇAN BE POOLED2 NO 249 245 YES RESOURCE DISPENSERS **EXECUTIVE POOLS** RECLAIM RESOURCES **COMPONENT INSTANCE** ALLOCATED TO COMPONENT **EXECUTIVE RELEASES** COMPONENT'S CONTEXT 250 **CONTEXT RELEASES ITS** ALLOCATED RESOURCES 251 RESOURCE DISPENSERS RECLAIM RESOURCES ALLOCATED TO COMPONENT

252

AND CONTEXT

END